APPENDIX G

SAMPLE CONSUMPTION LIMIT TABLES

Monthly Consumption Limits for Carcinogenic Health Endpoints for the General Population for

in Fish Tissue ^a 4-oz Meal Size (0.114 kg) (mg/kg or ppm) ARL 10 ⁻⁴ 10 ⁻⁵ 10 ⁻⁶	8-oz Meal (Size (0.227 kg) ARL 10 ⁻⁵ 10 ⁻⁶	12-oz Meal Size (0.341 kg) ARL 10 ⁻⁴ 10 ⁻⁵ 10 ⁻⁶	.e (0.341 kg) LL -5 10 ⁻⁶	16-oz Mes	16-oz Meal Size (0.454 kg) ARL 10 ⁻⁴ 10 ⁻⁵ 10 ⁻⁶	54 kg)
ARL. 10 ⁴ 10 ⁵		1L 0-5 10-6			104	ARL 10-5	10.6
104 105	104				10.4	10-5	10.
				_			

ARL = Acceptable Risk Level.

NONE = No consumption recommended.

6/yr = Consumption of no more than

r = Consumption of no more than6 meals per year is recommended.

30 = Although consumption of more than 30 meals/month is allowed,
 EPA advises limiting consumption to 30 meals in 1 month (1 meal per day).

^a Shaded values are below detection limit, _____ mg/kg.
Pustructions for modifying the variables in this table are found

b Instructions for modifying the variables in this table are found in Section 3.3. Consumption limits are calculated based on an adult body weight of ______ kand using a cancer potency factor of ______ per mg/kg/d.

References for cancer potency factors are found in Section 5. All values were rounded down to the nearest whole meal size.

Body Weight: 70 kg Cancer Potency Factor: 1.3 mg/kg-d

Monthly Consumption Limits for Ch	ronic Systemic Health Endpoints for the Adults in the
General Population for	

Chemical Concentration in Fish Tissue ^a	Recommended Risk - Based Consumption Limit (meals per month) ^b			
(mg/kg or ppm)	4-oz Meal Size (0.114 kg)	8-oz Meal Size (0.227 kg)	12-oz Meal Size (0.341 kg)	16-oz Meal Size (0.454 kg)

NONE = No consumption recommended.
6/yr = Consumption of no more than 6 meals per year is recommended.
> 30 = Although consumption of more than 30 meals/month is allowed, EPA advises limiting consumption to 30 meals in 1 month (1 meal per day).
^a Instructions for modifying the variables in this table are found in Section 3.3.
Consumption limits are calculated based on an adult body weight of kg and
using RfD = mg/kg/d.
References for RfDs are found in Section 5.
Shaded values are below the detection limit, mg/kg.
All values were rounded down to the nearest whole meal size.
^b Monthly limits are based on the total dose allowable over a 1-month period (based on the R

^b Monthly limits are based on the total dose allowable over a 1-month period (based on the RfD). When this dose is consumed in less than 1 month (e.g., in a few large meals), the daily dose will exceed the RfD (see Section 2.3).

Monthly Consumption Limits for Developmental Health Endpoints for Women of Reproductive Age for _____

Chemical Concentration in Fish Tissue ^a	Recommende	d Risk - Based Con	sumption Limit (mea	ls per month) ^b
(mg/kg or ppm)	4-oz Meal Size (0.114 kg)	8-oz Meal Size (0.227 kg)	12-oz Meal Size (0.341 kg)	16-oz Meal Size (0.454 kg)

NONE = No consumption recommended.
6/yr = Consumption of no more than 6 meals per year is recommended.
> 30 = Although consumption of more than 30 meals/month is allowed, EPA advises limiting
consumption to 30 meals in 1 month (1 meal per day).
^a Instructions for modifying the variables in this table are found in Section 3.3.
Consumption limits are calculated based on an adult body weight of kg and
using RfD = mg/kg/d.
References for RfDs are found in Section 5.
Shaded values are below the detection limit, mg/kg.
All values were rounded down to the nearest whole meal size.
^b Monthly limits are based on the total dose allowable over a 1-month period (based on the RfD).
When this dose is consumed in less than 1 month (e.g., in a few large meals), the daily dose will
exceed the RfD (see Section 2.3).

Monthly Const 	umption Limits for Chronic s	Systemic Health Endpoints for	r Children
Chemical ncentration	Recommended Risk - Ba	sed Consumption Limit (meals pe	er month) ^b

Chemical Concentration in Fish Tissue ^a	Recommended Risk - Based Consumption Limit (meals per month) ^b			
(mg/kg or ppm)	3-oz Meal Size (0.085 kg)	4-oz Meal Size (0.114 kg)	8-oz Meal Size (0.227 kg)	12-oz Meal Size (0.341 kg)

NONE = No consumption recommended.
6/yr = Consumption of no more than 6 meals per year is recommended.
> 30 = Although consumption of more than 30 meals/month is allowed, EPA advises limiting consumption to 30 meals in 1 month (1 meal per day).
^a Instructions for modifying the variables in this table are found in Section 3.3.
Consumption limits are calculated based on a body weight of kg and
using RfD = mg/kg/d.
References for RfDs are found in Section 5.
Shaded values are below the detection limit, mg/kg.
All values were rounded down to the nearest whole meal size.
^b Monthly limits are based on the total dose allowable over a 1-month period (based on the RfD).
When this dose is consumed in less than 1 month (e.g., in a few large meals), the daily dose will
exceed the RfD (see Section 2.3).

Monthly Consumption Limits for	r Developmental Health Endpoints for Children
(Age) for	

Chemical Concentration in Fish Tissue ^a	Recommended Risk - Based Consumption Limit (meals per month) ^b			
(mg/kg or ppm)	3-oz Meal Size (0.085 kg)	4-oz Meal Size (0.114 kg)	8-oz Meal Size (0.227 kg)	12-oz Meal Size (0.341 kg)
	·			

NONE = No consumption recommended.
6/yr = Consumption of no more than 6 meals per year is recommended.
> 30 = Although consumption of more than 30 meals/month is allowed, EPA advises limiting consumption to 30 meals in 1 month (1 meal per day).
^a Instructions for modifying the variables in this table are found in Section 3.3.
Consumption limits are calculated based on a body weight of kg and
using RfD = mg/kg/d.
References for RfDs are found in Section 5.
Shaded values are below the detection limit, mg/kg.
All values were rounded down to the nearest whole meal size.
Monthly limits are based on the total dose allowable over a 1-month period (based on the RfD). When this dose is consumed in less than 1 month (e.g., in a few large meals), the daily dose will

exceed the RfD (see Section 2.3).